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07/13/02

IN THE UNITED STATES OFFICE OF PATENTS AND TRADEMARKS

Applicant: Nongnuch Inpanbutr

Serial No. 09/804,111

Group Art Unit: 1617

Filed: March 12, 2001

Examiner: Mojdeh Bahar

For: EFFECTS OF 1,2,5 (OH)<sub>2</sub>D<sub>3</sub> AND ITS  
ANALOGS ON PARATHYROID HORMONE-  
RELATED SECRETION AND CELL  
GROWTH IN CANINE SQUAMOUS CELL  
CARCINOMA

TECH CENTER 1600/2900

JUL 11 2002

RECEIVED

AMENDMENT IN RESPONSE TO  
OFFICE ACTION DATED March 4, 2002

Commissioner for Patents  
Box FEE-AMENDMENT  
Washington, D.C. 20231

Sir:

In response to the Office Action dated March 4, 2002, please consider the following  
Remarks and amend the application as follows:

IN THE CLAIMS:

B<sup>1</sup> 2. The method of claim 1 wherein the vitamin D analog is selected from the  
group consisting of 1 $\alpha$ ,25-(OH)<sub>2</sub>D<sub>3</sub>, 1 $\alpha$ ,25-(OH)<sub>2</sub>-16-ene-23-yne-D<sub>3</sub> and 1 $\alpha$ ,25-(OH)<sub>2</sub>-22,24-  
diene-24,26,27-trihomo-D<sub>3</sub> and stereoisomers thereof.

B<sup>2</sup> 4. The method of claim 2, wherein the vitamin D analog is 1 $\alpha$ ,25-(OH)<sub>2</sub>-16-ene-  
23-yne- D<sub>3</sub> and stereoisomers thereof.

5. The method of claim 2, wherein the vitamin D analog is 1 $\alpha$ ,25-(OH)<sub>2</sub>-22,24-  
diene-24,26,27-trihomo-D<sub>3</sub> and stereoisomers thereof.

B<sup>3</sup> 18. The method of claim 1 wherein the Vitamin D analog is administered in  
combination with a bone agent comprising at least one of conjugated estrogens, conjugated  
estrogen equivalents, anti-estrogens, calcitonin, bisphosphonates, calcium supplements,



1-5-02

GP 1617

PATENT  
Atty. Dkt. No. 6204/102

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Nongnuch Inpanbutr :  
Serial No.: 09/804,111 : Art Unit: 1617  
Filed: March 12, 2001 : Examiner: Mojdeh Bahar  
For: EFFECTS OF 1,2,5 (OH) <sub>2</sub>D<sub>3</sub> AND ITS :  
ANALOGS ON PARATHYROID :  
HORMONE-RELATED SECRETION :  
AND CELL GROWTH IN CANINE :  
SQUAMOUS CELL CARCINOMA :

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THE COMMISSIONER OF PATENTS AND TRADEMARKS**

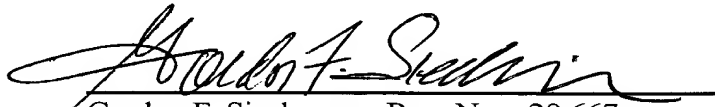
Express Mail mailing label number: **EV130078795US**

Date of Mailing: **July 3, 2002**

I certify that documents listed below:

- Amendment in Response to Office Action dated 03/04/02 (10 pgs.)
- Submission of Marked Up Specification and Claims (2 pgs.)
- Amendment Transmittal (3 pgs. in duplicate)
- Certificate of Mailing Via Express Mail (1 page)
- Return postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated above in an envelope addressed to the Commissioner for Patents, Box Fee Amendment, Washington, D.C. 20231.

  
Gordon F. Sieckmann, Reg. No.: 28,667  
Armstrong Teasdale LLP  
One Metropolitan Square, Suite 2600  
St. Louis, MO 63102  
314-621-5070



PATENT  
Attorney Docket No.: 6204/102

#9  
MB  
07/18/02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Nongnuch Inpanbutr

Serial No.: 09/804,111

Filed: March 12, 2001

For: EFFECTS OF 1,2,5 (OH)<sub>2</sub>D<sub>3</sub>  
AND ITS ANALOGS ON  
PARATHYROID HORMONE-  
RELATED SECRETION AND  
CELL GROWTH IN CANINE  
SQUAMOUS CELL  
CARCINOMA

Group No.: 1617

Examiner: Mojedeh Bahar

RECEIVED  
JUL 11 2002  
TECH CENTER 1600/2800

Commissioner for Patents  
Washington, D.C. 20231

TRANSMITTAL

1. Transmitted herewith is: Amendment in Response to Office Action March 4, 2002 (10 pgs.); Submission of Marked-Up Specification and Claims (2 pgs.); Certificate of Express Mail (1 pg.); Return Postcard

STATUS

2. Applicant

☒ claims small entity status.

☐ is other than a small entity.

07/18/2002 MBROWN 00000001 012384 09804111

01 FC:115 110.00 CH

CERTIFICATE OF MAILING/TRANSMISSION

I hereby certify that this correspondence is, on the date shown below, being:

MAILING

☒ deposited with the United States Postal Service with sufficient postage as Express Mail, in an envelope addressed to the Commissioner for Patents, Washington, D.C. 20231

Express Mail No.: EV130048795US

Date: July 3, 2002

FACSIMILE

☐ transmitted by facsimile to the Patent and Trademark Office

Gordon F. Sieckmann  
Reg No. 28,667

### EXTENSION OF TERM

3. The proceedings herein are for a patent application and the provisions of 37 C.F.R. 1.136 apply.

(complete (a) or (b), as applicable)

- (a) ☒ Applicant petitions for an extension of time under 37 C.F.R. 1.136  
(Fees: 37 C.F.R. 1.17(a)-(d) for the total number of months checked below:)

Extension for response within:	Other than small entity Fee	Small entity Fee (if applicable)
<input checked="" type="checkbox"/> first month	\$ 110.00	\$ 55.00
<input type="checkbox"/> second month	\$ 400.00	\$ 200.00
<input type="checkbox"/> third month	\$ 920.00	\$ 460.00
<input type="checkbox"/> fourth month	\$1,440.00	\$ 720.00
<input type="checkbox"/> fifth month	\$1,960.00	\$ 980.00

Fee: \$ 110.00

If an additional extension of time is required, please consider this a petition therefor.

*(Check and complete the next item, if applicable)*

— An extension of \_\_\_\_\_ months has already been secured. The fee paid therefor \$\_\_\_\_\_ is deducted from the total fee due for the total months of extension now requested.

Extension fee due with this request \$ \$110.00.

OR

- (b) — Applicant believes that no extension of term is required. However, this conditional petition is being made to provide for the possibility that applicant has inadvertently overlooked the need for a petition for extension of time.

## FEE FOR CLAIMS

4. The fee for claims (37 C.F.R. 1.16(b)-(d)) has been calculated as shown below:

	(Col. 1) CLAIMS REMAINING AFTER AMENDMENT	(Col. 2) HIGHEST NO. PREVIOUSLY PAID FOR	(Col. 3) PRESENT EXTRA	SMALL ENTITY ADDITIONAL RATE FEE	OR	OTHER THAN SMALL ENTITY ADDITIONAL RATE FEE
TOTAL	MINUS	=	x \$9 = \$			x \$18 = \$
INDEP.	MINUS	=	x \$42 = \$			x \$84 = \$
—	FIRST PRESENTATION OF MULTIPLE DEP. CLAIM			+ \$130 = \$		+ \$280 = \$
			TOTAL ADDITIONAL FEE \$	OR		TOTAL ADDITIONAL FEE \$

- (a) ☒ No additional fee for Claims is required

**OR**

- (b) \_\_\_\_\_ Total additional fee for claims required \$

## FEE PAYMENT

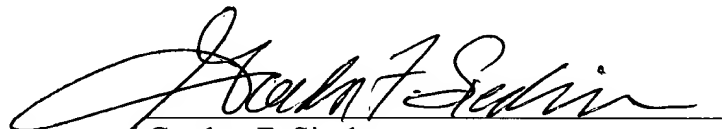
5. \_\_\_\_\_ Attached is a check in the sum of \$\_\_\_\_\_
- ☒ Charge Deposit Account No. 01-2384 the sum of \$110.00.  
A duplicate of this transmittal is attached.

## FEE DEFICIENCY

6. ☒ If any additional extension and/or fee is required, charge Deposit Account No. 01-2384.

**AND/OR**

- ☒ If any additional fee for claims is required, charge Deposit Account No. 01-2384.
7. \_\_\_\_\_ Other:



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